# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L16 | 372 | (606/151.ccls. or 606/153.ccls. or 606/157.ccls. or 606/213.ccls. or 411/531.ccls. or 411/533.ccls. or 24/545.ccls. or 24/30.5S.ccls. or 24/563.ccls. or 24/570.ccls. or 132/156-157.ccls. or 132/273.ccls. or 132/282-284.ccls.) and @pd>"20090312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/11/05 14:36 |
| L15 | 2 | ("4214587" "6440163").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/05 14:10 |
| L14 | 1 | "5843167".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/05 13:51 |
| L13 | 274 | ("2453056" \| "3155095" \| "3221746" \| "3657744" \| "3774615" \| "3842441" \| "3908662").PN. OR ("4214587").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/05 12:52 |
| L12 | 60 | stent and ((curv$4 or arcuate) near hook) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/05 12:27 |
| L11 | 173 | (stent near hook) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/05 12:22 |
| L10 | 0 | (stent near (curv$4 or arcuate) near hook) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/05 12:22 |
| L9 | 0 | (stent near (curved or arcuate) near hook) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/05 12:21 |
| L8 | 230 | ("4580568" \| "4655771" \| "4776337" \| "4800882" \| "4913141").PN. OR ("5292331").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/05 12:17 |
| L7 | 50 | ("4214587" \| "4512338" \| "4550447" \| "4655771" \| "4739762" \| "4776337" \| "4830003" \| "4856516" \| "5019090" \| "5064435" \| "5116365" \| "5123917" \| "5133732" \| "5135536" \| "5139480" \| "5171252" \| "5171262" \| "5197978" \| "5217483" \| "5226913" \| "5234447" \| "5282823" \| "5282824" \| "5290305" \| "5292331" \| "5304200" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/05 12:16 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "5314472" \| "5397355").<br>PN. OR ("5707388").<br>URPN. | | | | |
| L6 | 35 | ("20020111647" \|<br>"4739762" \| "4776337" \|<br>"5102417" \| "5397355" \|<br>"5423885" \| "5591197" \|<br>"5593417" \| "5681346" \|<br>"5733325" \| "5769882" \|<br>"5800526" \| "5824036" \|<br>"5824053" \| "5824054" \|<br>"5836969" \| "5843117" \|<br>"5843120" \| "5843164" \|<br>"5855802" \| "5860999" \|<br>"5879381" \| "5907893" \|<br>"5911733" \| "5911752" \|<br>"5911754" \| "5913897" \|<br>"5916234" \| "5921995" \|<br>"6231561" \| "6267776" \|<br>"6416530" \| "6443972" \|<br>"6517573" \| "6620183").<br>PN. OR ("7147662").<br>URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/11/05<br>10:48 |
| L5 | 90 | ("3497928" \| "4347722" \|<br>"4455557" \| "4879084" \|<br>"4907336" \| "5019090" \|<br>"5073694" \| "5344426" \|<br>"5421955" \| "5540713" \|<br>"5591197" \| "5707388" \|<br>"5741327" \| "5746765" \|<br>"5755781" \| "5758562" \|<br>"5776161" \| "5836964").<br>PN. OR ("5907893").<br>URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/11/05<br>10:47 |
| L4 | 185 | ("1426111" \| "1516990" \|<br>"1596004" \| "1647958" \|<br>"1847347" \| "1852098" \|<br>"1880569" \| "2075508" \|<br>"2316297" \| "2951482" \|<br>"20030009196" \|<br>"20030032981" \|<br>"20030065358" \|<br>"20030195504" \|<br>"20040082906" \|<br>"20040092968" \|<br>"20050165357" \|<br>"20050234508" \|<br>"20050283188" \|<br>"20060265012" \|<br>"20070010853" \|<br>"20080004636" \|<br>"20080221616" \|<br>"20080312686" \|<br>"20090177212" \|<br>"20090177213" \| | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/11/05<br>10:42 |

"3014483" | "3513848" |
"3525340" | "3664345" |
"3732719" | "3750650" |
"3753438" | "3831608" |
"3856016" | "3931821" |
"3976079" | "4064881" |
"4162673" | "4169476" |
"4215699" | "4287489" |
"4291698" | "4317445" |
"4387489" | "4400879" |
"4577635" | "4644956" |
"4667675" | "4683895" |
"4750492" | "4773421" |
"4813586" | "4823794" |
"4866818" | "4929240" |
"4961729" | "5009663" |
"5059201" | "5071430" |
"5122122" | "5160339" |
"5171251" | "5176682" |
"5192602" | "5203787" |
"5217024" | "5219359" |
"5226908" | "5234449" |
"5236435" | "5236445" |
"5242459" | "5258015" |
"5282832" | "5306280" |
"5330442" | "5364408" |
"5376101" | "5383896" |
"5383905" | "5391173" |
"5409499" | "5419777" |
"5425489" | "5462558" |
"5474572" | "5501698" |
"5507744" | "5514159" |
"5521184" | "5540716" |
"5543520" | "5575771" |
"5593422" | "5593425" |
"5611986" | "5618306" |
"5620452" | "5630824" |
"5645553" | "5669917" |
"5681351" | "5700273" |
"5709708" | "5720765" |
"5725556" | "5728109" |
"5735875" | "5735877" |
"5749898" | "5769862" |
"5776150" | "5782860" |
"5782861" | "5782864" |
"5795958" | "5797958" |
"5810877" | "5814069" |
"5846254" | "5860991" |
"5871490" | "5893592" |
"5907893" | "5919208" |
"5976159" | "5993476" |
"6024750" | "6024758" |
"6033427" | "6063114" |
"6066160" | "6074409" |
"6086608" | "6092561" |
"6099553" | "6106545" |

| | | "6117125" \| "6126677" \| <br> "6143017" \| "6152934" \| <br> "6159234" \| "6165204" \| <br> "6174324" \| "6200329" \| <br> "6203565" \| "6220248" \| <br> "6231592" \| "6254615" \| <br> "6383208" \| "6423054" \| <br> "6447540" \| "6458130" \| <br> "6500115" \| "6569173" \| <br> "6613059" \| "6652556" \| <br> "6689147" \| "6702826" \| <br> "6780197" \| "6846319" \| <br> "6989003" \| "6989016" \| <br> "7033379" \| "7063711" \| <br> "7108710" \| "7144411" \| <br> "7169164" \| "D383539" \| <br> "D457958" \| "D566272"). <br> PN. | | | | |
|---|---|---|---|---|---|---|
| L3 | 1 | "7169158".pn. | US-PGPUB; <br> USPAT; USOCR | OR | ON | 2009/11/05 <br> 10:17 |
| L2 | 2 | "7169158" | US-PGPUB; <br> USPAT; USOCR | OR | ON | 2009/11/05 <br> 10:17 |
| L1 | 101 | ("3166072" \| "3254650" \| <br> "3258012" \| "3606888" \| <br> "3683926" \| "3774615" \| <br> "3908662" \| "3974835" \| <br> "4214586" \| "4214587" \| <br> "4233981" \| "4423592" \| <br> "4474181" \| "4523592" \| <br> "4657019" \| "4676245" \| <br> "4747407" \| "4873975" \| <br> "4899744" \| "4930502" \| <br> "4997439" \| "5037428" \| <br> "5089008" \| "5123908" \| <br> "5188638" \| "5234447" \| <br> "5250057" \| "5263973" \| <br> "5336233" \| "5366462" \| <br> "5403333" \| "5486187" \| <br> "5653743" \| "5683453" \| <br> "5695504").PN. OR <br> ("6190397").URPN. | US-PGPUB; <br> USPAT; USOCR | OR | ON | 2009/11/05 <br> 09:56 |
| S240 | 4 | ("5907893" "6942691" <br> "6190397" "6327772").pn. | US-PGPUB; <br> USPAT; USOCR | OR | ON | 2009/11/04 <br> 22:14 |
| S239 | 2 | ("5907893" "6942691"). <br> pn. | US-PGPUB; <br> USPAT; USOCR | OR | ON | 2009/11/04 <br> 20:52 |
| S236 | 4 | (5907893\|6942691).pn. | US-PGPUB; <br> USPAT; <br> USOCR; EPO; <br> JPO; DERWENT | OR | ON | 2009/10/22 <br> 14:38 |
| S235 | 2 | "6695878".pn. | US-PGPUB; <br> USPAT; <br> USOCR; EPO; <br> JPO; DERWENT | OR | ON | 2009/10/21 <br> 17:35 |

| S234 | 22 | ("0095130" \| "0161661" \| "1596737" \| "2159709" \| "2569659" \| "3998233" \| "Re05348").PN. OR ("5335680").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 17:32 |
|------|----|----|----|----|----|----|
| S233 | 1 | "5564445".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 17:30 |
| S232 | 1 | "6253772".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 17:28 |
| S231 | 9 | ("1437440" \| "4788991" \| "5564445" \| "5655550" \| "5946728" \| "5950637" \| "D050668").PN. OR ("6253772").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 17:24 |
| S230 | 35 | ("0050668" \| "1025156" \| "1724249" \| "1792032" \| "2490285" \| "2547295" \| "2781045" \| "2871865" \| "2889834" \| "3889692" \| "D033612" \| "D115534" \| "D142711").PN. OR ("5564445").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 17:23 |
| S229 | 1 | "6327772".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 17:14 |
| S228 | 1 | "6942691".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 17:01 |
| S227 | 1 | "6599316".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 16:53 |
| S226 | 26 | ("1426111" \| "1516990" \| "1647958" \| "1847347" \| "1880569" \| "20090157103" \| "4400879" \| "5059201" \| "5122122" \| "5242459" \| "5782860" \| "5782861" \| "6063114" \| "6423054" \| "6447540" \| "6613059" \| "6652556" \| "6689147" \| "7008435" \| "7063711" \| "7169164").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 16:26 |

| S225 | 41 | ("1596004" | "2951482" | "20030032981" | "20030065358" | "20030195504" | "20040082906" | "20070010853" | "4162673" | "4215699" | "4317445" | "4929240" | "4961729" | "5192602" | "5217024" | "5226908" | "5236435" | "5364408" | "5383896" | "5419777" | "5425489" | "5507744" | "5700273" | "5860991" | "5907893" | "5993476" | "6024750" | "6033427" | "6117125" | "6220248" | "6383208" | "6458130" | "6500115" | "6569173" | "6702826" | "6989016" | "7144411" | "D383539" | "D457958" | "D566272"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 16:24 |
| S224 | 8 | ("20080210737" | "20080221616" | "20080269801" | "20080269802" | "20080272173" | "20080312666" | "5575771" | "6846319"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 16:23 |
| S223 | 2 | ("20080004636" | "20080312686").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 16:23 |
| S222 | 98 | ("2075508" | "20030009196" | "20040092968" | "20050283188" | "20060265012" | "3014483" | "3513848" | "3525340" | "3664345" | "3732719" | "3750650" | "3753438" | "3831608" | "3931821" | "3976079" | "4287489" | "4291698" | "4387489" | "4577635" | "4644956" | "4667675" | "4683895" | "4750492" | "4773421" | "4813586" | "4823794" | "4866818" | "5009663" | "5071430" | "5171251" | "5176682" | "5203787" | "5219359" | "5234449" | "5236445" | "5258015" | "5282832" | "5306280" | "5330442" | | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 16:21 |

| | | "5376101" \| "5383905" \|<br>"5391173" \| "5409499" \|<br>"5462558" \| "5474572" \|<br>"5501698" \| "5514159" \|<br>"5521184" \| "5543520" \|<br>"5593422" \| "5593425" \|<br>"5611986" \| "5618306" \|<br>"5630824" \| "5645553" \|<br>"5669917" \| "5681351" \|<br>"5709708" \| "5720765" \|<br>"5725556" \| "5728109" \|<br>"5735875" \| "5735877" \|<br>"5749898" \| "5769862" \|<br>"5776150" \| "5782864" \|<br>"5810877" \| "5814069" \|<br>"5846254" \| "5871490" \|<br>"5893592" \| "5919208" \|<br>"5976159" \| "6024758" \|<br>"6066160" \| "6074409" \|<br>"6086608" \| "6092561" \|<br>"6099553" \| "6106545" \|<br>"6126677" \| "6143017" \|<br>"6152934" \| "6159234" \|<br>"6165204" \| "6174324" \|<br>"6200329" \| "6203565" \|<br>"6231592" \| "6254615" \|<br>"6780197" \| "7033379" \|<br>"7108710").PN. | | | | |
| S221 | 2 | ("1852098").PN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/10/21<br>16:20 |
| S220 | 54 | ("2254620" \| "2910267" \|<br>"20020042622" \|<br>"20020058960" \|<br>"20030083679" \|<br>"3209754" \| "3494533" \|<br>"3908662" \| "4204541" \|<br>"4368736" \| "4747407" \|<br>"4957499" \| "4997439" \|<br>"5047047" \| "5122156" \|<br>"5158566" \| "5242457" \|<br>"5364406" \| "5449259" \|<br>"5462561" \| "5584879" \|<br>"5720755" \| "5752966" \|<br>"5755778" \| "5766246" \|<br>"5779707" \| "5797931" \|<br>"5797933" \| "5827298" \|<br>"5833698" \| "5853422" \|<br>"5938667" \| "5947999" \|<br>"5951576" \| "6001110" \|<br>"6030413" \| "6036703" \|<br>"6152144" \| "6193734" \|<br>"6206913" \| "6221102" \|<br>"6254642" \| "6280460" \|<br>"6537288" \| "6676671" \|<br>"6712836" \| "6896687" \|<br>"6926723" \| "7169158" \| | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/10/21<br>16:19 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "7396359").PN. | | | | |
| S219 | 1 | ("6699256").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 16:19 |
| S218 | 4 | ("6059800" \| "6102271" \| "6419669" \| "6749622").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 16:18 |
| S217 | 25 | ("20040009289" \| "20040073236" \| "20040073255" \| "20040153122" \| "20040153123" \| "20050119695" \| "20050216057" \| "20050267530" \| "20050273136" \| "20050274768" \| "20060020270" \| "20060135989" \| "20060144479" \| "20060167484" \| "20060190014" \| "20060190037" \| "20060190038" \| "20060195123" \| "20060195124" \| "20060287674" \| "20070010854" \| "20070270904" \| "20070276416" \| "20070282352" \| "20080065152").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 16:15 |
| S216 | 0 | ("20040009289" \| "20040073236" \| "20040073255" \| "20040153122" \| "20040153123" \| "20050119695" \| "20050216057" \| "20050267530" \| "20050273136" \| "20050274768" \| "20060020270" \| "20060135989" \| "20060144479" \| "20060167484" \| "20060190014" \| "20060190037" \| "20060190038" \| "20060195123" \| "20060195124" \| "20060287674" \| "20070010854" \| "20070270904" \| "20070276416" \| "20070282352" \| | USPAT; USOCR | OR | ON | 2009/10/21 16:15 |

| | | "20080065152").PN. | | | | |
|---|---|---|---|---|---|---|
| S215 | 38 | ("2583625" \| "3113379" \| "3120230" \| "3523351" \| "3828791" \| "4201215" \| "4327485" \| "4440170" \| "4526174" \| "4635634" \| "4759364" \| "0438400" \| "5032127" \| "5078731" \| "5116349" \| "5171250" \| "5192288" \| "5250058" \| "5269792" \| "5282808" \| "5340360" \| "5431667" \| "5437631" \| "5497933" \| "5547474" \| "5593412" \| "5618291" \| "5695524" \| "5769870" \| "5853421" \| "5868755" \| "6517569" \| "6599303").PN. | USPAT; USOCR | OR | ON | 2009/10/21 16:14 |
| S214 | 4 | ("5092941" \| "5335680" \| "5540712" \| "5858082"). PN. | USPAT; USOCR | OR | ON | 2009/10/21 16:13 |
| S213 | 1 | (10/081723).APP. | USPAT; USOCR | OR | ON | 2009/10/21 16:11 |
| S212 | 50 | ("20010007077" \| "20010031972" \| "20010047180" \| "20020026208" \| "20020026215" \| "20020049427" \| "20020049472" \| "20020072768" \| "20020077657" \| "20020082641" \| "20020107542" \| "20020133193" \| "20020151921" \| "20020193808" \| "20030004543" \| "20030009180" \| "20030078598" \| "20030093096" \| "20030097140" \| "20030109890" \| "20030125766" \| "20030158578" \| "20030195561" \| "20040167570" \| "20050090859" \| "0031855" \| "0034866" \| "5167634" \| "5243857" \| "5246156" \| "5392978" \| "5413584" \| "5423857" \| "5676974" \| "5810776" \| "5904697" \| "5993468" \| "6030364" \| "6428548" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 15:54 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "6645205" \| "6669714" \| "6749621" \| "6942674" \| "7001298" \| "7108709" \| "7111768" \| "7163551" \| "7211101").PN. | | | | |
| S211 | 29 | ("20020049472" \| "20020151921" \| "20020188318" \| "20030097140" \| "20030109890" \| "20040087985" \| "20040254591" \| "20040267312" \| "5108421" \| "5192300" \| "5275616" \| "5443481" \| "5478352" \| "5591205" \| "5601602" \| "5620461" \| "5645566" \| "5676689" \| "5716375" \| "6004341" \| "6022372" \| "6048358" \| "6056768" \| "6090130" \| "6113612" \| "6322580" \| "6533762" \| "6623510" \| "6755842").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 15:53 |
| S210 | 7 | ("20040010285" \| "6197042" \| "6277140" \| "6348064" \| "6506210" \| "6719777" \| "6767356"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 15:52 |
| S209 | 1 | ("6120524").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 15:52 |
| S208 | 0 | (10/517004).APP. | USPAT; USOCR | OR | ON | 2009/10/21 15:51 |
| S207 | 228 | (US-20060009800-$ or US-20030097141-$ or US-20060144479-$ or US-20070191872-$ or US-20020055750-$ or US-20040199188-$ or US-20060190038-$ or US-20050119695-$ or US-20030055440-$ or US-20020082641-$ or US-20030032981-$ or US-20050107813-$ or US-20030153932-$ or US-20050234508-$ or US-20030181988-$ or US-20040039414-$ or US-20020120281-$ or US-20040073236-$ or US-20060135989-$ or US-20040034373-$ or US-20040092972-$ or US- | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 15:40 |

20040199189-$ or US-
20040210244-$ or US-
20070162060-$ or US-
20020103494-$ or US-
20050065547-$).did. or
(US-20030105477-$ or US-
20040267290-$ or US-
20030195561-$ or US-
20060069400-$ or US-
20060167484-$ or US-
20030229349-$ or US-
20050256532-$ or US-
20050177224-$ or US-
20060106420-$ or US-
20050149114-$ or US-
20050070957-$ or US-
20050021060-$ or US-
20040220597-$ or US-
20050288693-$ or US-
20050070934-$ or US-
20050027308-$ or US-
20040097992-$ or US-
20030212418-$ or US-
20030167064-$ or US-
20060069401-$ or US-
20040087983-$ or US-
20040068279-$ or US-
20040092975-$ or US-
20040097993-$ or US-
20060253134-$ or US-
20060253133-$ or US-
20070123917-$).did. or
(US-20070106312-$ or US-
20060206123-$ or US-
20060200177-$ or US-
20060064119-$ or US-
20050251164-$ or US-
20050203551-$ or US-
20050149078-$ or US-
20050149071-$ or US-
20050080437-$ or US-
20040260394-$ or US-
20040249400-$ or US-
20040220598-$ or US-
20040181245-$ or US-
20040049212-$ or US-
20040030348-$ or US-
20030109893-$ or US-
20020183769-$ or US-
20020169466-$ or US-
20010039424-$ or US-
20050283188-$ or US-
20040009289-$ or US-
20020188318-$ or US-
20030009183-$ or US-
20010047180-$ or US-

20090187215-$ or US-
20080319475-$ or US-
20040010285-$).did. or
(US-20080114443-$ or US-
20070299505-$ or US-
20070150046-$ or US-
20060271160-$ or US-
20060271159-$ or US-
20060155362-$ or US-
20060136031-$ or US-
20050085896-$ or US-
20040186561-$ or US-
20090171444-$ or US-
20080262599-$ or US-
20080255657-$ or US-
20080086197-$ or US-
20070260303-$ or US-
20070208415-$ or US-
20070208414-$ or US-
20070168017-$ or US-
20070142902-$ or US-
20070088428-$ or US-
20070067019-$ or US-
20060241740-$ or US-
20060206196-$ or US-
20050010278-$ or US-
20040186555-$ or US-
20030195606-$ or US-
20030120330-$).did. or
(US-6945980-$ or US-
6666873-$ or US-5234447-
$ or US-5904697-$ or US-
6884251-$ or US-6391036-
$ or US-6113612-$ or US-
6811555-$ or US-6152937-
$ or US-5368602-$ or US-
6428550-$ or US-5665106-
$ or US-6221092-$ or US-
6488692-$ or US-5350399-
$ or US-5769864-$ or US-
7211101-$ or US-7267680-
$ or US-6726704-$ or US-
5356432-$ or US-6719777-
$ or US-5451235-$ or US-
5258000-$ or US-5752966-
$ or US-7018388-$ or US-
5741297-$).did. or (US-
6966917-$ or US-6544167-
$ or US-6890338-$ or US-
6511506-$ or US-5456714-
$ or US-6350285-$ or US-
5397331-$ or US-1251258-
$ or US-5741283-$ or US-
6371958-$ or US-6669735-
$ or US-1756670-$ or US-
6565581-$ or US-6984238-

$ or US-7029482-$ or US-
6776785-$ or US-6682540-
$ or US-5335680-$ or US-
6508822-$ or US-6972023-
$ or US-5916225-$ or US-
6994713-$ or US-6960219-
$ or US-6673084-$ or US-
6602263-$ or US-6599303-
$ or US-6494889-$).did.
or (US-6485496-$ or US-
6190397-$ or US-5489295-
$ or US-5720755-$ or US-
6179849-$ or US-6318379-
$ or US-6253772-$ or US-
5950637-$ or US-6050272-
$ or US-5564445-$ or US-
3357070-$ or US-4697312-
$ or US-2796069-$ or US-
D167571-$ or US-
D370086-$ or US-2547295-
$ or US-2490285-$ or US-
0712657-$ or US-2989058-
$ or US-5458108-$ or US-
4788991-$ or US-2523924-
$ or US-2450448-$ or US-
2196815-$ or US-6623510-
$ or US-5961519-$ or US-
5845657-$).did. or (US-
2929386-$ or US-0768658-
$ or US-2983014-$ or US-
6712836-$ or US-6699256-
$ or US-6036720-$ or US-
7169158-$ or US-6626920-
$ or US-6620176-$ or US-
6582435-$ or US-6537286-
$ or US-6290708-$ or US-
7022131-$ or US-6616675-
$ or US-6569173-$ or US-
6471713-$ or US-6419681-
$ or US-6277133-$ or US-
6187020-$ or US-6129754-
$ or US-6036702-$ or US-
5425738-$ or US-5366462-
$ or US-4366819-$ or US-
4368736-$ or US-7001398-
$ or US-5907893-$).did.
or (US-7341598-$ or US-
7220275-$ or US-6706062-
$ or US-6962602-$ or US-
6942674-$ or US-6749621-
$ or US-5879366-$ or US-
7540881-$ or US-6327772-
$ or US-6942691-$ or US-
6592615-$ or US-6416542-
$).did. or (US-1251258-$
or US-2450448-$ or US-

| | | 1816551-$).did. | | | | |
|---|---|---|---|---|---|---|
| S206 | 468 | ("1596754" \| "20010003161" \| "20010004706" \| "20010004707" \| "20010012927" \| "20010016766" \| "20010016767" \| "20010016768" \| "20010025195" \| "20010027291" \| "20010027338" \| "20010029396" \| "20010037116" \| "20010037138" \| "20010037146" \| "20010037147" \| "20010039395" \| "20010039448" \| "20010047201" \| "20010049552" \| "20010056297" \| "20020013618" \| "20020013619" \| "20020022874" \| "20020026232" \| "20020032478" \| "20020035392" \| "20020042650" \| "20020052648" \| "20020058990" \| "20020072790" \| "20020107564" \| "20020111675" \| "20020123790" \| "20020123797" \| "20020123798" \| "20020151959" \| "20020156516" \| "20020156517" \| "20020165604" \| "20020173835" \| "20020173840" \| "20020177892" \| "20020183763" \| "20020193872" \| "20020193873" \| "20030004535" \| "20030009209" \| "20030009214" \| "20030014102" \| "20030023301" \| "20030028233" \| "20030050688" \| "20030055378" \| "20030055483" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 15:15 |

```
"20030074047" |
"20030093109" |
"20030097169" |
"20030114912" |
"20030114915" |
"20030125791" |
"20030125799" |
"20030125802" |
"20030135259" |
"20030181923" |
"20030195606" |
"20040006381" |
"20040015227" |
"20040044396" |
"20040049259" |
"20040059406" |
"20040072849" |
"20040088007" |
"20040117003" |
"20040133268" |
"20040138732" |
"20040138737" |
"20040148006" |
"20040172121" |
"20040186560" |
"20040225345" |
"20040267352" |
"20050004656" |
"20050010278" |
"20050015108" |
"20050015135" |
"20050060027" |
"20050096726" |
"20050102021" |
"20050102023" |
"20050119731" |
"20050125076" |
"20050131526" |
"20050149161").PN. OR
("20050154442" |
"20050154444" |
"20050183259" |
"20050209673" |
"20050228483" |
"20060036315" |
"20060041303" |
"20060079956" |
"20060173528" |
"20070073376" |
"3657744" | "3872893" |
"4140126" | "4309994" |
"4410476" | "4413989" |
"4421810" | "4453545" |
"4503569" | "4552554" |
"4681570" | "4689174" |
"4731055" | "4733665" |
```

"4739762" | "4759748" |
"4762128" | "4769005" |
"4769029" | "4774949" |
"4819664" | "4872874" |
"4878495" | "4896670" |
"4900314" | "4905667" |
"4906244" | "4909258" |
"4946464" | "4957501" |
"4957508" | "4964850" |
"4983167" | "4994071" |
"5042976" | "5054501" |
"5059177" | "5061240" |
"5064435" | "5085664" |
"5102403" | "5102417" |
"5104404" | "5117831" |
"5122125" | "5135536" |
"5147317" | "5159920" |
"5176617" | "5192297" |
"5195984" | "5211683" |
"5217440" | "5222971" |
"5226913" | "5234457" |
"5236446" | "5257974" |
"5263932" | "5282472" |
"5304220" | "5320605" |
"5324257" | "5337733" |
"5338300" | "5342295" |
"5342297" | "5342387" |
"5350395" | "5383892" |
"5387235" | "5395332" |
"5395334" | "5404887" |
"5409458" | "5413581" |
"5413586" | "5417208" |
"5425765" | "5437638" |
"5443497" | "5445624" |
"5449373" | "5449382" |
"5456694" | "5456712" |
"5456714" | "5458605" |
"5462530" | "5476471" |
"5487730" | "5489271" |
"5489295" | "5496292" |
"5505702" | "5507768" |
"5507769" | "5514154" |
"5514178" | "5522801" |
"5531788" | "5545132" |
"5549553" | "5549554" |
"5562620" | "5562724" |
"5562725" | "5562726" |
"5569295" | "5571087" |
"5575771").PN. OR
("5575817" | "5575818" |
"5591197" | "5591228" |
"5593442" | "5607444" |
"5609605" | "5609625" |
"5609627" | "5609629" |
"5613949" | "5613980" |
"5613981" | "5617878" |

"5626600" | "5628788" |
"5632762" | "5632763" |
"5632772" | "5634902" |
"5636641" | "5639278" |
"5643340" | "5653743" |
"5662614" | "5669924" |
"5669932" | "5676696" |
"5676697" | "5679400" |
"5683450" | "5683451" |
"5690642" | "5693084" |
"5693086" | "5693088" |
"5697971" | "5707348" |
"5707354" | "5709713" |
"5716365" | "5718683" |
"5718724" | "5720735" |
"5723004" | "5724977" |
"5728158" | "5733303" |
"5735893" | "5746766" |
"5749825" | "5749848" |
"5749890" | "5755734" |
"5755735" | "5755770" |
"5755771" | "5755773" |
"5755778" | "5762631" |
"5776101" | "5776161" |
"5776180" | "5782906" |
"5800450" | "5800508" |
"5814061" | "5817126" |
"5824008" | "5824036" |
"5824040" | "5824041" |
"5824044" | "5827320" |
"5833650" | "5836966" |
"5837008" | "5843031" |
"5843160" | "5843164" |
"5846204" | "5851210" |
"5851464" | "5855600" |
"5855601" | "5865178" |
"5868777" | "5871537" |
"5871936" | "5891133" |
"5893887" | "5897588" |
"5906640" | "5907893" |
"5913895" | "5913897" |
"5921958" | "5922020" |
"5928248" | "5938682" |
"5938696" | "5948016" |
"5951599" | "5961548" |
"5967986" | "5972017" |
"5972018" | "6007517" |
"6013054" | "6013091" |
"6017324" | "6017363" |
"6024763" | "6030414" |
"6033434" | "6033435" |
"6036682" | "6039749" |
"6042597" | "6045557" |
"6048361" | "6056775" |
"6059823" | "6059824" |
"6066168").PN. OR

("6068655" | "6071285" |
"6086611" | "6090127" |
"6090128" | "6093203" |
"6096073" | "6099497" |
"6113579" | "6117117" |
"6117156" | "6126685" |
"6129738" | "6129754" |
"6142973" | "6143002" |
"6152945" | "6159238" |
"6165195" | "6165197" |
"6165214" | "6168621" |
"6179867" | "6183506" |
"6183509" | "6190403" |
"6193746" | "6203568" |
"6203569" | "6210380" |
"6210429" | "6210433" |
"6217527" | "6217608" |
"6221080" | "6221090" |
"6221098" | "6231563" |
"6231598" | "6231600" |
"6235051" | "6241762" |
"6254593" | "6258073" |
"6258099" | "6258115" |
"6258116" | "6258121" |
"6261273" | "6261305" |
"6261316" | "6261319" |
"6264662" | "6264682" |
"6264686" | "6273911" |
"6273913" | "6287314" |
"6290673" | "6293967" |
"6293968" | "6299634" |
"6302906" | "6309412" |
"6309414" | "6312459" |
"6325821" | "6325822" |
"6325826" | "6334864" |
"6334870" | "6346089" |
"6350278" | "6355060" |
"6361544" | "6361555" |
"6383213" | "6383215" |
"6387120" | "6395018" |
"6398792" | "6398804" |
"6428570" | "6432133" |
"6436104" | "6436134" |
"6478816" | "6482211" |
"6485511" | "6494905" |
"6508836" | "6511504" |
"6511505" | "6517558" |
"6520988" | "6527799" |
"6540719" | "6540779" |
"6572647" | "6579309" |
"6579312" | "6582394" |
"6582459" | "6596020" |
"6596022" | "6599316" |
"6645241" | "6645242" |
"6689156" | "6692483" |
"6695877" | "6706062" |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "6749628" \| "6776793" \| "6811566" \| "6835203" \| "6858038" \| "6884258" \| "6896699" \| "6932837" \| "6955687" \| "6955688" \| "6962602" \| "7018400" \| "7056323").PN. OR ("7060091").PN. OR ("7341598").URPN. | | | | |
| S205 | 295 | 623/1.16.ccls. | USPAT | OR | ON | 2009/10/21 15:14 |
| S204 | 628 | 623/1.16.ccls. | US-PGPUB | OR | ON | 2009/10/21 14:17 |
| S203 | 1359 | 623/1.15.ccls. | US-PGPUB | OR | ON | 2009/10/21 13:21 |
| S202 | 106 | ("2836181" \| "3178732" \| "3497928" \| "3589356" \| "3991767" \| "4347722" \| "4441215" \| "4455557" \| "4470415" \| "4655771" \| "4728328" \| "4822361" \| "4834755" \| "4871358" \| "4879084" \| "4907336" \| "4921484" \| "4954126" \| "4976725" \| "4994066" \| "5019090" \| "5037427" \| "5045070" \| "5061275" \| "5064435" \| "5073694" \| "5104399" \| "5127919" \| "5171305" \| "5234457" \| "5344426" \| "5421955" \| "5443499" \| "5476508" \| "5522881" \| "5540713" \| "5591197" \| "5609627" \| "5707388" \| "5709713" \| "5735892" \| "5741327" \| "5746765" \| "5755772" \| "5755781" \| "5758562" \| "5776161" \| "5836964" \| "5919225").PN. OR ("6327772").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/21 13:06 |
| S201 | 931 | 623/1.15.ccls. | USPAT | OR | ON | 2009/10/21 12:10 |
| S200 | 2290 | 623/1.15.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/21 12:10 |
| S199 | 931 | 623/1.15.ccls. | USPAT | OR | ON | 2009/10/20 17:47 |
| S197 | 1415 | 606/213.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/20 17:01 |

| S196 | 1 | "6190397".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 16:44 |
|------|---|---------------|------------------------|-----|-----|-------------------|
| S195 | 1 | ("6488692").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 16:32 |
| S194 | 8 | ("1647958" | "1880569" | "5769870" | "6152937" | "6699256" | "7063711").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:53 |
| S193 | 4 | ("5769870" | "6036720" | "6152937" | "6699256").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:53 |
| S192 | 3 | ("5769870" | "6036720" | "6152937").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:52 |
| S191 | 2 | ("5904697" | "6488692").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:47 |
| S190 | 2 | ("20050283188" | "7211101").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:47 |
| S189 | 1 | ("20050283188" | "7211101").PN. | USPAT; USOCR | OR | ON | 2009/10/20 15:46 |
| S188 | 0 | (10/787073).APP. | USPAT; USOCR | OR | ON | 2009/10/20 15:45 |
| S187 | 7 | ("5092941" | "5335680" | "5540712" | "5858082" | "6152937" | "6623510" | "6719777").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:44 |
| S186 | 7 | ("5092941" | "5335680" | "5540712" | "5858082" | "6152937" | "6623510" | "6719777").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:43 |
| S185 | 1 | ("20020188318").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:43 |
| S184 | 72 | ("3155095" | "3166072" | "3254650" | "3258012" | "3606888" | "3657744" | "3683926" | "3774615" | "3908662" | "3938528" | "3973570" | "3974835" | "3993078" | "4055186" | "4214586" | "4214587" | "4233981" | "4345600" | "4368736" | "4474181" | "4523592" | "4657019" | "4676245" | "4681110" | "4747407" | "4787386" | "4872874" | "4873975" | "4899744" | "4930502" | "4930674" | "4950283" | "4957499" | "4979954" | "4997439" | "5035702" | "5037428" | "5078735" | "5089008" | "5123908" | | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:23 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "5188638" \| "5234447" \| "5250057" \| "5263973" \| "5336233" \| "5366462" \| "5403333" \| "5486187" \| "5501689" \| "5562690" \| "5653743" \| "5683453" \| "5695504" \| "5702048" \| "5707380" \| "5741274" \| "5752966" \| "5879371" \| "5904697" \| "5938696" \| "5957973" \| "5976159" \| "5976178" \| "6068637"). PN. OR ("6488692"). URPN. | | | | |
| S183 | 3 | ("6488692").URPN. | USPAT | OR | ON | 2009/10/20 15:22 |
| S182 | 7 | ("5007921" \| "5941890" \| "6113612" \| "6120524" \| "6152937" \| "6488692" \| "6623510").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:22 |
| S181 | 1 | "6706062".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:14 |
| S180 | 1 | "6325826".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:14 |
| S179 | 89 | ("3497928" \| "4347722" \| "4455557" \| "4879084" \| "4907336" \| "5019090" \| "5073694" \| "5344426" \| "5421955" \| "5540713" \| "5591197" \| "5707388" \| "5741327" \| "5746765" \| "5755781" \| "5758562" \| "5776161" \| "5836964"). PN. OR ("5907893"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:08 |
| S178 | 1 | ("5907893").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:06 |
| S177 | 1 | ("5026390").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:05 |
| S176 | 186 | (US-20060009800-$ or US-20030097141-$ or US-20060144479-$ or US-20070191872-$ or US-20020055750-$ or US-20040199188-$ or US-20060190038-$ or US-20050119695-$ or US-20030055440-$ or US-20020082641-$ or US-20030032981-$ or US-20050107813-$ or US-20030153932-$ or US-20050234508-$ or US- | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 15:02 |

20030181988-$ or US-
20040039414-$ or US-
20020120281-$ or US-
20040073236-$ or US-
20060135989-$ or US-
20040034373-$ or US-
20040092972-$ or US-
20040199189-$ or US-
20040210244-$ or US-
20070162060-$ or US-
20020103494-$ or US-
20050065547-$).did. or
(US-20030105477-$ or US-
20040267290-$ or US-
20030195561-$ or US-
20060069400-$ or US-
20060167484-$ or US-
20030229349-$ or US-
20050256532-$ or US-
20050177224-$ or US-
20060106420-$ or US-
20050149114-$ or US-
20050070957-$ or US-
20050021060-$ or US-
20040220597-$ or US-
20050288693-$ or US-
20050070934-$ or US-
20050027308-$ or US-
20040097992-$ or US-
20030212418-$ or US-
20030167064-$ or US-
20060069401-$ or US-
20040087983-$ or US-
20040068279-$ or US-
20040092975-$ or US-
20040097993-$ or US-
20060253134-$ or US-
20060253133-$ or US-
20070123917-$).did. or
(US-20070106312-$ or US-
20060206123-$ or US-
20060200177-$ or US-
20060064119-$ or US-
20050251164-$ or US-
20050203551-$ or US-
20050149078-$ or US-
20050149071-$ or US-
20050080437-$ or US-
20040260394-$ or US-
20040249400-$ or US-
20040220598-$ or US-
20040181245-$ or US-
20040049212-$ or US-
20040030348-$ or US-
20030109893-$ or US-
20020183769-$ or US-

20020169466-$ or US-
20010039424-$ or US-
20050283188-$ or US-
20040009289-$ or US-
20020188318-$ or US-
20030009183-$ or US-
20010047180-$).did. or
(US-6945980-$ or US-
6666873-$ or US-5234447-
$ or US-5904697-$ or US-
6884251-$ or US-6391036-
$ or US-6113612-$ or US-
6811555-$ or US-6152937-
$ or US-5368602-$ or US-
6428550-$ or US-5665106-
$ or US-6221092-$ or US-
6488692-$ or US-5350399-
$ or US-5769864-$ or US-
7211101-$ or US-7267680-
$ or US-6726704-$ or US-
5356432-$ or US-6719777-
$ or US-5451235-$ or US-
5258000-$ or US-5752966-
$ or US-7018388-$ or US-
5741297-$).did. or (US-
6966917-$ or US-6544167-
$ or US-6890338-$ or US-
6511506-$ or US-5456714-
$ or US-6350285-$ or US-
5397331-$ or US-1251258-
$ or US-5741283-$ or US-
6371958-$ or US-6669735-
$ or US-1756670-$ or US-
6565581-$ or US-6984238-
$ or US-7029482-$ or US-
6776785-$ or US-6682540-
$ or US-5335680-$ or US-
6508822-$ or US-6972023-
$ or US-5916225-$ or US-
6994713-$ or US-6960219-
$ or US-6673084-$ or US-
6602263-$ or US-6599303-
$ or US-6494889-$).did.
or (US-6485496-$ or US-
6190397-$ or US-5489295-
$ or US-5720755-$ or US-
6179849-$ or US-6318379-
$ or US-6253772-$ or US-
5950637-$ or US-6050272-
$ or US-5564445-$ or US-
3357070-$ or US-4697312-
$ or US-2796069-$ or US-
D167571-$ or US-
D370086-$ or US-2547295-
$ or US-2490285-$ or US-
0712657-$ or US-2989058-

| | | $ or US-5458108-$ or US-4788991-$ or US-2523924-$ or US-2450448-$ or US-2196815-$ or US-6623510-$ or US-5961519-$ or US-5845657-$).did. or (US-2929386-$ or US-0768658-$ or US-2983014-$ or US-6712836-$ or US-6699256-$ or US-6036720-$ or US-7169158-$ or US-6626920-$ or US-6620176-$ or US-6582435-$ or US-6537286-$ or US-6290708-$ or US-7022131-$ or US-6616675-$ or US-6569173-$ or US-6471713-$ or US-6419681-$ or US-6277133-$ or US-6187020-$ or US-6129754-$ or US-6036702-$ or US-5425738-$ or US-5366462-$ or US-4366819-$ or US-4368736-$ or US-7001398-$).did. or (US-1251258-$ or US-2450448-$ or US-1816551-$).did. | | | | |
|------|----|------|------|------|------|------|
| S175 | 8 | ("5674231" \| "6113612" \| "6152937" \| "6582452" \| "6602263" \| "6623510" \| "6726704" \| "6926731"). PN. OR ("7001398"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 14:58 |
| S174 | 17 | ("20010047180").PN. OR ("6623510").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/20 14:52 |
| S173 | 2 | "6623510".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/20 14:51 |
| S172 | 2 | "6719777".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/20 14:48 |
| S171 | 2 | "20040073236".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/20 14:11 |

**EAST Search History (Interference)**

< This search history is empty>

**11/5/2009 2:37:41 PM**
**C:\ Documents and Settings\ lbachman\ My Documents\ EAST\ Workspaces\ 10-677144 -**

**Closure Clip.wsp**